

IN THE CLAIMS

1-15. (Canceled)

16. (New) A method for producing a liquid crystal display apparatus having a liquid crystal display plate, comprising the steps of:

mechanically forming a scribe groove on a glass sheet having a plurality of liquid crystal display plates; and
cutting said glass sheet at said scribe groove by heating areas on both sides of the scribe groove.

17. (New) A method for producing a liquid crystal display apparatus according to claim 16, wherein said areas comprise ranges of 0.1 mm to 10 mm from the scribe groove.

18. (New) A method for producing a liquid crystal display apparatus according to claim 16, wherein said heating is performed by application of a laser beam.

19. (New) A method for producing a liquid crystal display apparatus according to claim 16, wherein said heating is performed by application of heat generation of Nickel-Chrome wire.

20. (New) A method for producing a liquid crystal display apparatus comprising a liquid crystal display plate which is formed by bonding a first glass sheet with liquid crystal display circuit patterns formed thereon and a second glass sheet with liquid crystal display color filter patterns formed thereon through liquid crystal, said method comprising:

mechanically forming a scribe groove on each of said first and second glass sheets; and

cutting said first and second glass sheets at said scribe grooves by heating areas on both sides of the scribe groove.

21. (New) A method for producing a liquid crystal display apparatus, said method comprising heating a surface of a glass substrate at a plurality of areas so that a tensile stress is generated on a reverse surface of the glass substrate to cut the glass substrate at an area on which the tensile stress is generated.

22. (New) A method for producing a liquid crystal display apparatus according to claim 21, wherein said plurality of areas comprises two areas adjacent to each other.

23. (New) A method for producing a liquid crystal display apparatus according to claim 21, wherein said

plurality of areas comprises two areas facing each other across a scribe groove formed on the surface.

24. (New) A method for producing a liquid crystal display apparatus comprising heating two areas adjacent to each other on a surface of the glass substrate to generate a tensile stress on a reverse surface of the glass substrate at a portion between the two areas and cutting the glass substrate by using the tensile stress.